

## **NIOSH PPT Program Evidence Package Aug 30, 2007**

### **Appendix L**

#### **List of PPT Projects and Associated Laboratory Facilities**

Appendix L lists the 34 projects currently in the PPT Program's portfolio of active projects classified under the Goal to Reduce Exposures to Inhalation Hazards. Each project name corresponds to the name provided on the CD where a link to a project Quad Chart that succinctly identifies the project's objective, milestones, partners and stakeholders and outputs is provided. Resource allocation charts and project narrative descriptions are also accessible through each project's link.

A list of the 11 projects currently in the PPT Program's portfolio of active projects classified under the Goal to Reduce Exposures to Dermal Hazards is provided. Each project name corresponds to the name provided on the CD where a link to a project Quad Chart that succinctly identifies the project's objective, milestones, partners and stakeholders and outputs is provided. Resource allocation charts and project narrative descriptions are also accessible through each project's link.

Similarly a list of the 9 projects currently in the PPT Program's portfolio of active projects classified under the Goal to Reduce Exposures to Injury Hazards is provided. Each project name corresponds to the name provided on the CD where a link to a project Quad Chart that succinctly identifies the project's objective, milestones, partners and stakeholders and outputs is provided. Resource allocation charts and project narrative descriptions are also accessible through each project's link. These projects include those undergoing evaluation by other NIOSH Programs.

NIOSH PPT Program Evidence Package Aug 30, 2007  
List of PPT Projects and Associated Laboratory Facilities

<b>Inhalation Projects FY07</b>	<b>Organization</b>	<b>Project Officer</b>	<b>* Lab Facility</b>
Aerosol Generation by Cough-HELD	HELD	William Lindsley	20
Air Purifying Respirator Smoke Cartridge Evaluation for FF Overhaul & Wildland Ops	NPPTL – PSD	William Haskell	N/A
CBRN Respirator Standards	NPPTL – PSD	Jon Szalajda	2, 3, 4, 7, 9, & 28
CBRN SCBA Guidance Documents	NPPTL – PSD	Terry Cloonan	N/A
Certified Product Investigation Process (CPIP)	NPPTL – TEB	Lynn Rethi	3-8, 12, 18, 19 & 28
Chemical Warfare Agent (CWA) Simulant Project	NPPTL – PSD	Frank Palya	N/A
Closed Circuit SCBA	NPPTL – PSD	Frank Palya	3, 4, 7, 8, 12, & 28
Closed-Circuit Escape Respirator (CCER) Standard	NPPTL – PSD	Tim Rehak	2 & 28
CO <sub>2</sub> Deadspace Test System	NPPTL – PSD	Jon Szalajda	N/A
Development and Evaluation of Nanofiber based filter media	NPPTL – TRB	Appavoo Rengasamy	14
Development of Computer-Aided Face-Fit Evaluation Methods	NPPTL – TRB	Ziqing Zhuang	15
Fire Fighter SCBA Evaluations	NPPTL – TEB	Vance Kochenderfer	7, 18, & 19
Frequency of Fit Testing	NPPTL – TRB	Ziqing Zhuang	13 & 15
Hybrid and Dockable SCSR Development	NPPTL – OD	George Bockosh	7, 12, & 28
Information Management Systems Support Contract – DEIMS Redevelopment	NPPTL – OD	John Perrotte	N/A
Laboratory Tests for TIL	NPPTL – TRB	Ziqing Zhuang	13 & 17
Long Term Field Evaluation (LTFE) of SCSRs	NPPTL – TEB	Heinz Ahlers	28
Long Term Field Evaluation of Special Respirators	NPPTL – TEB	Robert Stein	7 & 28
Metabolic Evaluation of N95 Respirator Use w/ Surgical Masks	NPPTL – TRB	Ed Sinkule	2
Multi-Function PAPR	NPPTL – PSD	Tim Rehak	N/A
New Methods for ESLI and Change out Schedules	NPPTL – TRB	Jay Snyder	11
New Sensor Technology Development for ESLI	NPPTL – TRB	Jay Snyder	11
PAPR Standard, Industrial PAPR	NPPTL – PSD	Jon Szalajda	1 3, 4, 7, 9, & 28
Penetration of Nanoparticles through NIOSH Approved respirator filters	NPPTL – TRB	Appavoo Rengasamy	14
Quality Assurance Module	NPPTL – PSD	William Newcomb	N/A
Quality System Assessment and Records	NPPTL – TEB	David Book	N/A
Respirator Certification Fees	NPPTL – TEB	David Book	N/A
Respirator Testing and Certification	NPPTL – TEB	Heinz Ahlers	3-8, 12, 18, & 19
Respirator Use Epi-Aid-DRDS & EPI-AID	DRDS	Chris Coffey	N/A
Reusability of Filtering Facepiece Respirators	NPPTL – TRB	Ron Shaffer	14, 16, & 17
SAR module	NPPTL – PSD	Frank Palya	N/A
SCSR Training Modules	NPPTL – PSD	Tim Rehak	N/A
Surveillance of Programs Using Respirators (SPUR)	NPPTL – OD	Brent Doney	N/A
Total Inward Leakage (TIL)	NPPTL – PSD	William Newcomb	8

\* See last page for corresponding # of Laboratory Facility description

NIOSH PPT Program Evidence Package Aug 30, 2007  
List of PPT Projects and Associated Laboratory Facilities

<b>Dermal Projects FY07</b>	<b>Organization</b>	<b>Project Officer</b>	<b>* Lab Facility</b>
Chemical Warfare Agent (CWA) Simulant Project	NPPTL – PSD	Frank Palya	N/A
Colorimetric Indicators (consultant only / transfer activities)	NPPTL – TRB	Evanly Vo	N/A
Degradation and Decon Efficacy of Chemical Protective Clothing	NPPTL – TRB	Pengfei Gao	10
Development and Validation of PPE Preconditioning Methods	NPPTL – TRB	Angie Shepherd	10
Development of PPE Ensemble Test Methods	NPPTL – TRB	Pengfei Gao	10 & 14
Improved Criteria for Emergency Medical Protective Clothing (EMS)	NPPTL – TRB	Angie Shepherd	N/A
Improvement and Comparison of Ensemble Integrity Tests	NPPTL – TRB	Angie Shepherd	N/A
Next Generation Structural Fire Fighting PPE Ensemble	NPPTL – TRB	W. Jon Williams	1 & 3
Physiological Models and Countermeasures	NPPTL – TRB	W. Jon Williams	1 & 3
Risk Based Permeation Criteria	NPPTL – TRB	Angie Shepherd	10
Stored Thermal Energy in Firefighter Protective PPE	NPPTL – OD	William Haskell	N/A

\* See last page for corresponding # of Laboratory Facility description

NIOSH PPT Program Evidence Package Aug 30, 2007  
 List of PPT Projects and Associated Laboratory Facilities

<b>Injury Projects FY07</b>	<b>Organization</b>	<b>Project Officer</b>	<b>* Lab Facility</b>
Determination of PASS Mission Requirements	NPPTL – TEB	Robert Stein	NA
Develop Hearing Protection Laboratory and Fit-Testing Methods	DART	William Murphy	23
Effectiveness of Hearing Protection Against Impulsive Noise	DART	Chucri Kardous	23
Hearing Protection and Audibility Considerations	PRL	Amanda Azman	21, 22, & 23
Measurement and Rating Methods for Real-World Performance of Hearing Protectors	DART	William Murphy	23
Select and Develop Vibration Isolation Devices to Prevent Hand-Arm Vibration Syndrome	HELD	Renguang Dong	29
Sensory-Enhanced Balance Control at Elevated Workplaces	DSR	Peter Simeonov	25 & 27
Suspension Tolerance in Men and Women Wearing Safety Harnesses	DSR	Nina Turner	27
Worker Empowerment Interventions for Hearing Loss Prevention	PRL	Robert Randolph	21, 22, & 23

\* See last page for corresponding # of Laboratory Facility description

NIOSH PPT Program Evidence Package Aug 30, 2007  
 List of PPT Projects and Associated Laboratory Facilities

<b>Infrastructure Projects FY07</b>	<b>Organization</b>	<b>Project Officer</b>	<b>* Lab Facility</b>
Business Systems for NPPTL (APEX)	NPPTL – OD	Ken Williams	N/A
Communication and Outreach Overall Plan (R2P Plan)	NPPTL – OD	Judi Coyne	N/A
Customer Satisfaction Program	NPPTL – OD	Maryann D'Alessandro	N/A
ISO 17025 Implementation	NPPTL – TEB	David Book	N/A
National Academy of Science Involvement in NPPTL	NPPTL – OD	Maryann D'Alessandro	N/A
PPT Cross-Sector Program (NORA Implementation Team)	NPPTL – OD	Maryann D'Alessandro	N/A
Standards Development – Organizational Committee Support – ANSI	NPPTL – OD	Roland Berry Ann	N/A
Standards Development – Organizational Committee Support – ASTM	NPPTL – OD	William Haskell	N/A
Standards Development – Organizational Committee Support – ISO	NPPTL – OD	William Newcomb	N/A
Standards Development – Organizational Committee Support – NFPA	NPPTL – OD	William Haskell	N/A

\* See last page for corresponding # of Laboratory Facility description

NIOSH PPT Program Evidence Package Aug 30, 2007  
List of PPT Projects and Associated Laboratory Facilities

#	Laboratory Facility	Location / Bldg	Strategic Goal
1	Human Research Physiology Laboratory	29	Inhalation
2	Automatic Breathing Machine Simulator Research Laboratory	29	Inhalation
3	Human Factor Chamber	21	Inhalation
4	Climatic Chambers	21	Inhalation
5	Vibration Test Units	21	Inhalation
6	Flammability Test Rig	21	Inhalation
7	Certification Laboratory	37	Inhalation
8	Fit Test Laboratory	40	Inhalation
9	High Flow Aerosol Test Laboratory	104	Inhalation
10	Chemical Protective Clothing Laboratory	143	Dermal
11	Sensor Technology Laboratory	144	Inhalation
12	Man Test Certification Laboratory	2	Inhalation
13	Corn Oil Fit Test Chamber Laboratory	13	Inhalation
14	Aerosol Research Laboratory	13	Inhalation
15	Anthropometric Research Laboratory	13	Inhalation
16	Microbiology Laboratory	13	Inhalation
17	Analytical Chemistry Laboratory	13	Inhalation
18	Corrosive Gas Testing Laboratory	108	Inhalation
19	Firefighter SCBA Evaluation Laboratory	108	Inhalation
20	Cough Aerosol Laboratory	L - Morgantown, WV	Inhalation
21	Hearing Loss Prevention Unit	Mobile	Injury
22	Hemi-Anechoic Chamber	154	Injury
23	Auditory Research Laboratory (2)	Pittsburgh 154 and DART Cincinnati, OH	Injury
24	Motion Analysis Laboratory	152	Injury
25	Human Performance Research Laboratory	152	Injury
26	Mining Illumination Laboratory	152	Injury
27	Anthropometry Laboratory	H - Morgantown, WV	Injury
28	Life Support Laboratory / Long-Term Field Evaluation of SCSRs	2	Inhalation
29	Hand-Arm Vibration Laboratory	L-206B - Morgantown, WV	Injury

\* See last page for corresponding # of Laboratory Facility description